

Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of the claims in the application:

1-27 (Cancelled)

28. (Currently Amended) A method of producing a folded fin heatsink member comprising:
providing a plurality of holes in a piece of material, prior to bending the material;
aligning said piece of material;
punching a fold into said piece of material to form a fin having a side edge and a pair of side walls, with at least one of the plurality of holes being provided in one of the pair of side walls of the fin;
retracting the ~~folded~~ fin; and
separating the ~~folded~~ fin from the remaining material.

29. (Currently Amended) The method of claim 28 wherein said-aligning comprises locating an index hole in said material and using said ~~the~~ index hole as a reference point such that when the fin is formed in the material, the fin is provided having an aperture in a sidewall thereof.

30. (Original) The method of claim 29 wherein said aligning further comprises aligning said material between a stripper plate and an upper die.

31. (Original) The method of claim 28 wherein said punching includes lowering an upper die to be adjacent the material.

32. (Original) The method of claim 31 wherein said punching includes raising a die block and fin forming punch.

33. (Original) The method of claim 32 wherein said punching further comprises punching said fold into a cavity of said upper die.

34. (Original) The method of claim 33 wherein said punching further comprises lowering said die block and fin forming punch.

35. (Original) The method of claim 34 wherein said punching further comprises raising the upper die.

36-41 (Cancelled)

42. (Currently Amended) A heatsink assembly, comprising:

a folded fin member disposed in a generally cylindrical shape, said folded fin member having a first end adapted to be disposed proximate a heat source and a second end, said folded fin member including provided from a thermally conductive sheet having alternating ridges and troughs defining spaced fins with each of the fins having a top edge, a bottom edge, a pair of side walls and a side edge opposite end edges and wherein each of the fins are provided having at least one aperture in at least one of the pair of a-side walls edge thereof.

43. (Previously Presented) The heatsink assembly of claim 42 further comprising a slug coupled to said folded fin member.

44. (Currently Amended) The heatsink assembly of claim 42 wherein at least one of the top edge and the bottom edge of the fins fin end edges at the second end of the heat exchanging section is closed.

45. (Currently Amended) The heatsink assembly of claim 42 further comprising a thermally conductive material disposed over wherein an end of at least one of the troughs trough end edges at the first end of said folded fin member such that the end of the trough is closed.

46. (Previously Presented) The heatsink assembly of claim 42 further comprising a gas supply source disposed proximate a second end of said folded fin member.

47. (Previously Presented) The heatsink assembly of claim 42 wherein material which was where said aperture is provided is completely removed from said sidewall.

48. (Previously Presented) The heatsink assembly of claim 42 wherein material which was where said aperture is provided extends from said sidewall.

49. (Currently Amended) The heatsink ~~heat sink~~-assembly of claim 42 wherein said folded fin member is comprised of material selected from the group including aluminum, copper, brass, a zinc-aluminum die cast, and a zinc alloy material.

50. (Currently Amended) The heatsink ~~heat sink~~-assembly of claim 43 wherein said slug is comprised of material selected from the group including aluminum, copper, brass, a zinc-aluminum die cast, and a zinc alloy material.

51. (Currently Amended) The heatsink ~~heat sink~~-assembly of claim 43 further comprising a thermal interface material disposed on at least one surface of said slug.

52. (Currently Amended) The heatsink ~~heat sink~~-assembly of claim 51 wherein said ~~thermoelectric~~-thermal interface material is selected from the group consisting of a thermoelectric material and a thermoionic material.

53. (Currently Amended) ~~A~~The heatsink assembly of claim 43- comprising:

a folded fin member having a first end adapted to be disposed proximate a heat source and a second end, said folded fin member including a thermally conductive sheet having alternating ridges and troughs defining spaced fins having opposite end edges and wherein the fins are provided having at least one aperture in a side edge thereof; and

a slug coupled to said folded fin member wherein said slug is disposed in a generally non-vertical position.

54. (Previously Presented) The heatsink assembly of claim 42 wherein said folded fin member includes a portion disposed in a generally non-vertical position.

55. (Previously Presented) The heatsink assembly of claim 42 wherein said folded fin member includes at least one section disposed at a different height than another section.